

**Superseded 5/12/2015****72-7-404 Maximum gross weight limitation for vehicles -- Bridge formula for weight limitations -- Minimum mandatory fines.**

- (1)
- (a) As used in this section:
    - (i) "Axle load" means the total load on all wheels whose centers may be included between two parallel transverse vertical planes 40 inches apart.
    - (ii) "Tandem axle" means two or more axles spaced not less than 40 inches nor more than 96 inches apart and having at least one common point of weight suspension.
  - (b) The tire load rating shall be marked on the tire sidewall. A tire, wheel, or axle may not carry a greater weight than the manufacturer's rating.
- (2)
- (a) A vehicle may not be operated or moved on any highway in the state with:
    - (i) a gross weight in excess of 10,500 pounds on one wheel;
    - (ii) a single axle load in excess of 20,000 pounds; or
    - (iii) a tandem axle load in excess of 34,000 pounds.
  - (b) Subject to the limitations of Subsection (3), the gross vehicle weight of any vehicle or combination of vehicles may not exceed 80,000 pounds.
- (3)
- (a) Subject to the limitations in Subsection (2), no group of two or more consecutive axles between the first and last axle of a vehicle or combination of vehicles and no vehicle or combination of vehicles may carry a gross weight in excess of the weight provided by the following bridge formula, except as provided in Subsection (3)(b):
 
$$W = 500 \{LN/(N-1) + 12N+36\}$$
    - (i) W = overall gross weight on any group of two or more consecutive axles to the nearest 500 pounds.
    - (ii) L = distance in feet between the extreme of any group of two or more consecutive axles. When the distance in feet includes a fraction of a foot of one inch or more the next larger number of feet shall be used.
    - (iii) N = number of axles in the group under consideration.
  - (b) Two consecutive sets of tandem axles may carry a gross weight of 34,000 pounds each if the overall distance between the first and last axles of the consecutive sets of tandem axles is 36 feet or more.
- (4) Any exception to this section must be authorized by an overweight permit as provided in Section 72-7-406.
- (5)
- (a) Any person who violates this section is guilty of a class B misdemeanor except that, notwithstanding Sections 76-3-301 and 76-3-302, the violator shall pay the largest minimum mandatory fine of either:
    - (i) \$50 plus the sum of the overweight axle fines calculated under Subsection (5)(b); or
    - (ii) \$50 plus the gross vehicle weight fine calculated under Subsection (5)(b).
  - (b) The fine for each axle and a gross vehicle weight violation shall be calculated according to the following schedule:

Number of Pounds Overweight		Axle Fine (Cents per Pound for Each Overweight Axle)		Gross Vehicle Weight Fine(Cents per Pound)	
1 - 2,000		0		0	

2,001 - 5,000		4		5	
5,001 - 8,000		5		5	
8,001 - 12,000		6		5	
12,001 - 16,000		7		5	
16,001 - 20,000		9		5	
20,001 - 25,000		11		5	
25,001 or more		13		5	